

Application No. 10/797,969
Amendment dated January 24, 2006
Reply to Office Action dated October 18, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A modular intrusion detection system, said modular system comprising:

a base unit including a primary ~~device~~ intrusion detection system component disposed within a primary housing ~~wherein said primary device is an intrusion detection device~~, said primary housing defining a first mounting interface; and

a plurality of intrusion detection modules, each said module including a secondary intrusion detection system component and a secondary housing ~~sections~~ section, each said module having a unique capability, each of said secondary housing sections having a second mounting interface, each of said second mounting interfaces being engageably securable to said first mounting interface to thereby securably attach a selected one of said ~~secondary housing sections~~ modules to said primary housing, ~~at least one of said secondary housing sections having a secondary device associated therewith~~ whereby said base unit and a selected one of said plurality of modules may be selectively assembled into an operative detection system having selected capabilities.

Claim 2 (currently amended): The modular system of claim 1 wherein said primary housing includes a base housing section and a removable cover, said base housing section defining said first mounting interface, said removable cover comprising a first attachment feature; each of said secondary housing sections including a second attachment feature engageable with said first attachment feature wherein attachment of said removable cover to said base housing section engages said first attachment feature with said second attachment feature of the selected one of

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said secondary housing sections ~~securably attached to said primary housing section to secure said~~
primary housing to one of said modules.

Claim 3 (original): The modular system of claim 1 wherein one of said first and second mounting interfaces include at least one threaded opening for receiving a threaded fastener, said threaded fastener securing said secondary housing section to said primary housing.

Claim 4 (original): The modular system of claim 1 wherein said first and second mounting interfaces are securable together with a snap-fit engagement.

Claim 5 (currently amended): The modular system of claim 1 wherein said primary device intrusion detection system component generates an alarm signal and said at least one secondary device intrusion detection module is couplable to said primary device intrusion detection system component and wherein said secondary device intrusion detection module is responsive to said alarm signal.

Claim 6 (currently amended): The modular system of claim 1 wherein said primary housing includes a primary terminal strip, said primary terminal strip being connectable to a security system and having a plurality of primary terminals, said primary device intrusion detection system component including a plurality of conductive elements, each of said primary conductive elements being operably couplable with one of said plurality of primary terminals and wherein said at least one secondary ~~housing section having a secondary device associated therewith~~ includes intrusion detection module including a secondary terminal strip, said secondary terminal strip being connectable to said primary terminal strip and having a plurality of secondary terminals, said secondary device intrusion detection module including a plurality of secondary conductive elements, each of said secondary conductive elements being operably couplable with one of said plurality of secondary terminals.

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Claim 7 (currently amended): The modular system of claim 6 wherein said at least one secondary housing section ~~having a secondary device associated therewith~~ defines an opening for passing wires from said primary terminal strip to said secondary terminal strip.

Claim 8 (canceled)

Claim 9 (currently amended): The modular system of claim [8] 1 wherein one of said secondary ~~devices~~ intrusion detection system components comprises an image capturing device.

Claim 10 (currently amended): The modular system of claim [8] 1 wherein one of said secondary ~~devices~~ intrusion detection system components comprises a microphone.

Claim 11 (currently amended): The modular system of claim [8] 1 wherein one of said secondary ~~devices~~ intrusion detection system components comprises a light source.

Claim 12 (currently amended): The modular system of claim [8] 1 wherein one of said secondary ~~devices~~ intrusion detection system components comprises a speaker.

Claim 13 (currently amended): A modular intrusion detection system, said modular system comprising:

a base unit including a primary device disposed within a primary housing wherein said primary device is an intrusion detection ~~device~~ component, said primary device generating an alarm signal upon detection of an intruder; and

a plurality of intrusion detection modules, each said module including a secondary intrusion detection system component comprising one of an image capturing device, a microphone, a camera, a speaker, a light source, a microwave transceiver, and a passive infrared sensor, each said modules including a secondary devices housing section, each [of] said secondary ~~devices~~ housing sections being selectively directly attachable ~~couplable~~ to said primary device ~~wherein housing~~, at least one of said secondary ~~devices~~ components responsive

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to said alarm signal generated by said primary device when said secondary module is coupled to said primary device ~~and wherein each of said secondary devices is associated with a respective secondary housing section, each of said secondary housing sections being directly attachable to said primary housing; and~~

~~wherein a modular device is assembled by selecting one of said plurality of secondary devices, attaching said associated secondary housing section of said selected one of said secondary devices to said primary housing and coupling said selected one of said secondary devices to said primary device.~~

Claim 14 (original): The modular system of claim 13 wherein at least one of said secondary devices comprises an image capturing device.

Claim 15 (currently amended): The modular system of claim 13 wherein ~~said secondary devices have a plurality of different functions and~~ at least one of said secondary devices comprises a microphone.

Claim 16 (currently amended): The modular system of claim 13 wherein said primary housing defines a first mounting interface and each of said secondary housing sections defines a second mounting interface, each of said second mounting interfaces being engageably securable to said first mounting interface to thereby securably attach a selected one of said secondary housing sections to said primary housing section.

Claim 17 (currently amended): The modular system of claim 16 wherein said primary housing includes a base housing section and a removable cover, said base housing section defining said first mounting interface, said removable cover comprising a first attachment feature; each of said secondary housing sections including a second attachment feature engageable with said first attachment feature, wherein attachment of said cover to said base housing section engages said first attachment feature with said second attachment feature of the selected one of said secondary housing sections which is securably attached to said primary housing section.

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Claim 18 (currently amended): The modular system of claim 13 wherein said primary housing includes a primary terminal strip, said primary terminal strip being connectable to a security system and having a plurality of primary terminals, said primary device including a plurality of conductive elements, each of said primary conductive elements being operably couplable with one of said plurality of primary terminals and wherein each of said secondary housing sections includes a secondary terminal strip, said secondary terminal strips being connectable to said primary terminal strip and having a plurality of secondary terminals, said secondary devices system components each including a plurality of secondary conductive elements, each of said secondary conductive elements being operably couplable with one of said plurality of secondary terminals.

Claim 19 (currently amended): A modular intrusion detection system connectable to a security system, said modular system comprising:

a base unit including a primary device disposed within a primary housing, ~~wherein~~ said primary device [is] comprising an intrusion detection device, said primary housing including a primary terminal strip, said primary terminal strip being connectable to [the] a security system and having a plurality of primary terminals, said primary device including a plurality of primary conductive elements, each of said primary conductive elements being operably couplable with one of said plurality of primary terminals;

a plurality of secondary ~~devices~~ intrusion detection modules, each said secondary module including a secondary intrusion detection system component comprising one of an image capturing device, a microphone, a camera, a speaker, a light source, a microwave transceiver, and a passive infrared sensor, each [of] said secondary ~~devices~~ modules being operably couplable to said primary device, each [of] said secondary ~~devices~~ modules having a secondary housing section associated therewith, each [of] said secondary housing sections being directly attachable to said primary housing section and having a secondary terminal strip, each of said secondary terminal strips being connectable to said primary terminal strip and having a plurality

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of secondary terminals, each of said secondary ~~devices~~ modules including a plurality of secondary conductive elements, each of said secondary conductive elements being operably couplable with one of said plurality of secondary terminals; and

wherein a modular device is assembled by selecting one of said plurality of secondary ~~devices~~ modules, attaching said associated secondary housing section of said selected one of said secondary ~~devices~~ modules to said primary housing and coupling said selected one of said secondary ~~devices~~ modules to said primary device.

Claim 20 (currently amended): The modular system of claim 19 wherein at least one of said secondary ~~devices~~ modules comprises an image capturing device.

Claim 21 (currently amended): The modular system of claim 19 wherein at least one of said secondary ~~devices~~ modules comprises a microphone.

Claim 22 (original): The modular system of claim 19 wherein one of said secondary ~~devices~~ modules comprises a light source.

Claim 23 (currently amended): The modular system of claim 19 wherein one of said secondary ~~devices~~ modules comprises a speaker.

Claim 24 (currently amended): The modular system of claim 19 wherein said primary device generates an alarm signal, said alarm signal being communicated to the security system and said selected secondary ~~device~~ module, said secondary ~~device~~ module being responsive to said alarm signal.

Claim 25 (original): The modular system of claim 19 wherein said primary housing defines a first mounting interface and each of said secondary housing sections defines a second mounting interface, each of said second mounting interfaces being engageably securable to said first mounting interface to thereby securably attach a selected one of said secondary housing sections to said primary housing section.

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Claim 26 (original): The modular system of claim 25 wherein said primary housing includes a base housing section and a removable cover, said base housing section defining said first mounting interface, said removable cover comprising a first attachment feature; each of said secondary housing sections including a second attachment feature engageable with said first attachment feature wherein attachment of said cover to said base housing section engages said first attachment feature with said second attachment feature of the selected one of said secondary housing sections securably attached to said primary housing section.

Claim 27-35 (canceled)